(c) Where geodetic station markers cannot be established initially at points readily accessible from the Federal-aid route, or where unavoidable circumstances result in their being established within construction limits, supplemental projects may later be approved to set and survey markers at satisfactory permanent points, preferably within the right-of-way but at points where their use does not introduce traffic hazards.

Subparts E-F [Reserved]

Subpart G—Advance Construction of Federal-Aid Projects

Source: $60 \ \mathrm{FR} \ 36993$, July 19, 1995, unless otherwise noted.

§630.701 Purpose.

The purpose of this subpart is to prescribe procedures for advancing the construction of Federal-aid highway projects without obligating Federal funds apportioned or allocated to the

§630.703 Eligibility.

- (a) The State Highway Agency (SHA) may proceed with a highway substitute, congestion mitigation and air quality improvement program, surface transportation program, bridge replacement and rehabilitation, or planning and research project in accordance with this subpart, provided the SHA:
- (1) Has obligated all funds apportioned or allocated to it under 23 U.S.C. 103(e)(4)(H), 104(b)(2), 104(b)(3), 104(f), 144, or 307, as the case may be for the proposed project, or
- (2) Has used all obligation authority distributed to it, or
- (3) Demonstrates that it will use all obligation authority distributed to it.
- (b) The SHA may proceed with a National Highway System (NHS) or Interstate project in accordance with this subpart without regard to apportionment or obligation authority balances. Interstate projects include Interstate construction and Interstate maintenance.

§630.705 Procedures.

- (a) An advance construction project shall meet the same requirements and be processed in the same manner as a regular Federal-aid project, except,
- (1) The FHWA authorization does not constitute any commitment of Federal funds on the project, and
- (2) The FHWA shall not reimburse the State until the project is converted under \$630,709.
- (b) Project numbers shall be identified by the letters "AC" preceding the regular project number prefix.
- (c) If the SHA plans to claim bond interest costs under §630.711, it shall include in its request for authorization the estimated federally participating bond interest cost.
- (d) The SHA shall submit a final voucher to the FHWA upon completion of the project even though the project has not been converted. If the SHA is claiming bond interest costs under §630.711, it shall certify on the final voucher that the bond proceeds were expended in the construction of the project and shall include a computation of the eligible interest costs.

§630.707 Limitation.

A request to approve an advance construction project is limited to a State's expected apportionment of authorized funds which are eligible to finance the project.

\$630.709 Conversion to a regular Federal-aid project.

- (a) The SHA may submit a written request to the FHWA that a project be converted to a regular Federal-aid project at any time provided that sufficient Federal-aid funds and obligation authority are available.
- (b) Subsequent to FHWA approval the SHA may claim reimbursement for the Federal share of project costs incurred, provided the project agreement has been executed. If the SHA has previously submitted a final voucher, the FHWA will process the voucher for payment.

§ 630.711 Payment of bond interest.

(a) For Interstate projects authorized by the FHWA after January 6, 1983, and

§ 630.801

for Interstate 4R, Interstate maintenance, primary and NHS projects authorized by the FHWA after April 2, 1987, interest earned and payable on bonds issued by a State is an eligible cost of construction as follows:

- (1) Participating interest cost is based on the actual expenditure of bond proceeds on the Federal-aid project. The interest on the bonds is applied to the amount of bond proceeds expended on the project from the date of expenditure.
- (2) The amount of interest determined in paragraph (a)(1) of this section shall not exceed the estimated increase in the physical construction cost of the project which would have occurred had the project been authorized on the date of conversion. The estimated increase in the physical construction cost is determined by applying the increase, if any, in the national construction cost index in effect on the date of conversion over the index in effect on the date of the FHWA authorization, to the actual cost of physical construction.
- (b) For Interstate projects under physical construction on January 1, 1983, and converted to a regular Federal-aid project after January 1, 1983, bond interest is eligible in accordance with paragraph (a)(1) of this section. The restriction in paragraph (a)(2) of this section does not apply.

Subpart H—Bridges on Federal Dams

Source: $39 \ \mathrm{FR} \ 36474$, Oct. $10, \ 1974$, unless otherwise noted.

§ 630.801 Purpose.

The purpose of this subpart is to prescribe procedures for the construction and financing, by an agency of the Federal Government, of public highway bridges over dams constructed and owned by or for the United States.

§ 630.802 Applicability.

A proposed bridge over a dam, together with the approach roads to connect the bridge with existing public highways, must be eligible for inclusion in the Federal-aid highway system, if not already a part thereof.

§630.803 Procedures.

- A State's application to qualify a project under this subpart will include:
- (a) A certification that the bridge is economically desirable and needed as a link in the Federal-aid highway system.
- (b) A statement showing the source and availability of funds to be used in construction of the roadway approaches.
- (c) A statement of any obligation on the part of the agency constructing the dam to provide such bridge or approach roads to satisfy a legal liability incurred independently of this subpart.

Subpart I [Reserved]

Subpart J—Traffic Safety in Highway and Street Work Zones

SOURCE: 43 FR 47140, Oct. 12, 1978, unless otherwise noted.

§ 630.1002 Purpose.

The purpose of this subpart is to provide guidance and establish procedures to assure that adequate consideration is given to motorists, pedestrians, and construction workers on all Federal-aid construction projects.

§630.1004 Background.

Part VI of the manual on uniform traffic control devices $(MUTCD)^1$ sets forth basic priniciples and prescribes standards for the design, application, installation, and maintenance of the various types of traffic control devices for highway and street construction, maintenance operation, and utility work. The manual cannot address in depth the variety of situations that occur in providing traffic control in work zones. Although agencies responsible for traffic control and work area protection have attempted to develop some guidelines, a coordinated and comprehensive effort to develop greater uniformity is desirable. National reviews have shown that more attention

¹The MUTCD is available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. It is incorporated by reference at 23 CFR 655, subpart F.